WHAT IS CLAIMED IS:

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1	A method comprising:
2	detecting a docking device class circuit present on a bus; and
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	obtaining a description of at least one device in a docking station from the
4	docking device class circuit.
1	2. The method of Claim 1, further comprising:
2	controlling the at least one device via commands appropriate to the bus.
1	3. The method of Claim 2, wherein the bus comprises at least one
2	Universal Serial Bus, at least one Peripheral Component Interconnect Bus, or at least
3	one AT bus, or at least one wire ess bus, or at least one optical bus.
1	4. The method of Claim 2, wherein said controlling the at least one
2	device via commands appropriate to the bus further comprises:
3	controlling at least one device associated with docking.
1	5. The method of Claim 2, wherein said controlling the at least one
2	device via commands appropriate to the bus further comprises:
3	controlling at least one power supply in a docking station.
1	6. The method of Claim 5, wherein said controlling at least one power
2	supply in a docking station further comprises:
3	activating a power supply having voltage appropriate to a portable computer
4	system.
1	7. The method of Claim 2, wherein said controlling the at least one
2	device via commands appropriate to the bus further comprises:
3	controlling at least one power rail that supplies power to a portable computer
4	system.
1	8. The method of Claim 1, wherein said detecting a docking device class
2	circuit present on a bus further comprises:
2	detecting an identifier associated with the docking device class circuit

1	9.	The method of Claim 8, wherein said detecting an identifier associated
2	with the dock	ing device class circuit further comprises:
3	detect	ing an identification number reserved for the docking device class
4		circuit.
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1	10.	The method of Claim 1, wherein said obtaining a description of at least
2	one device in	a docking station from the docking device class circuit further
3	comprises:	
4	obtair	ning a list of devices under the control of the docking device class circuit.
1	11.	The method of Claim 10, wherein said obtaining a list of devices under
2	the control of	the docking device class circuit further comprises:
3	obțair	ning a list of devices under the control of a general purpose I/O device
4		under the control of the docking device class circuit.
	10	The weether I of Claims 10, whomein gold obtaining a list of devices under
1	12.	The method of Claim 10, wherein said obtaining a list of devices under
2		the docking device class circuit further comprises:
3	obtair	ning driver code appropriate to the at least one device.
1	13.	The method of Claim 10, wherein said obtaining a list of devices under
2	the control of	f the docking device class circuit further comprises:
3	obtair	ning driver code appropriate to the docking device class circuit.
1	14.	The method of Claim 10, wherein said obtaining a list of devices under
2	the control of	f the docking device class circuit further comprises:
3	obtair	ning driver code combination set appropriate to both the docking device
4		class circuit and the at least one device.
1	15.	The method of Claim 1, wherein said obtaining a description of at least
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2		a docking station from the docking device class circuit further
3	comprises:	
4	obtai	ning a bus description table from the docking device class circuit.
1	16.	The method of Claim 15, wherein said obtaining a bus description
2	table from th	e docking device class circuit further comprises:

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3	obtaining a description of at least one Peripheral Component Interconnect bus
4	resident within a docking device, or at least one Universal Serial Bus
5	resident within a docking device, or at least one Accelerated Graphics
6	Port Bus resident within a docking device, or at least one AT bus
7	resident within a docking device, or at least one proprietary bus, or at
8	least on wireless bus, or at least one optical bus.
1	17. A docking station comprising:
2	a docking device class circuit.
1	18. The docking station of Claim 17, further comprising:
2	the docking device class circuit operably coupled to a device associated with
3	docking.
1	19. The docking station of Claim 18, further comprising:
2	the docking device class circuit operably coupled to at least one device
3	associated with ad hoc functions or at least one power supply device.
1	20. The docking station of Claim 17, further comprising:
2	the docking device class circuit operably coupled to a general purpose I/O
3	controller.
1	21. The docking station of Claim 17, said docking device class circuit
2	further comprising:
3	the docking device class circuit having a bus description table.
1	22. The docking station of Claim 17, further comprising:
2	at least one optical connector or at least one wireless connector.
1	23. A data processing system comprising:
1	circuitry for detecting a docking device class circuit present on a bus, wherein
2	said circuitry for detecting includes one or more electrical circuits
	selected from the group including but not limited to electrical circuits
4	having at least one discrete electrical circuit, electrical circuits having
5	at least one integrated circuit, electrical circuits having at least one
6	at least one integrated chosens are

application specific integrated circuit, and electrical circuits providing
a general purpose computing device configurable by a computer
program;

circuitry for obtaining a description of at least one device in a docking station

from the docking device class circuit, wherein said circuitry for obtaining includes one or more electrical circuits selected from the group including but not limited to electrical circuits having at least one discrete electrical circuit, electrical circuits having at least one integrated circuit, electrical circuits having at least one application specific integrated circuit, and electrical circuits providing a general purpose computing device configurable by a computer program; and at least one of said circuitry for detecting, and said circuitry for obtaining operably coupled, either directly or through one or more intermedial circuits, to at least one data processing system component selected from the group including a processor device, a display device, a memory device, and a communication device.

- 24. The data processing system of Claim 23, further comprising: circuitry for controlling the at least one device via commands appropriate to the bus, wherein said circuitry for controlling includes one or more electrical circuits selected from the group including but not limited to electrical circuits having at least one discrete electrical circuit, electrical circuits having at least one integrated circuit, electrical circuits having at least one application specific integrated circuit, and electrical circuits providing a general purpose computing device configurable by a computer program.
- 25. The data processing system of Claim 24, wherein the bus comprises at least one Universal Serial Bus, at least one Peripheral Component Interconnect Bus, or at least one AT bus, or at least one wireless bus, or at least one optical bus.
- 26. The data processing system of Claim 24, wherein said circuitry for controlling the at least one device via commands appropriate to the bus further comprises:

4	circuitry for controlling at least one device associated with docking.
1	27. The data processing system of Claim 24, wherein said circuitry for
2	controlling the at least one device via commands appropriate to the bus further
3	comprises:
4	circuitry for controlling at least one power supply in a docking station.
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1	28. The data processing system of Claim 27, wherein said circuitry for
2	controlling at least one power supply in a docking station further comprises:
3	circuitry for activating a power supply having voltage appropriate to a portable
4	computer system.
1	29. The data processing system of Claim 24, wherein said circuitry for
2	controlling the at least one device via commands appropriate to the bus further
3	comprises:
4	circuitry for controlling at least one power rail that supplies power to a
5	portable computer system.
1	30. The data processing system of Claim 23, wherein said circuitry for
2	detecting a docking device class circuit present on a bus further comprises:
3	circuitry for detecting an identifier associated with the docking device class
4	circuit.
1	The data processing system of Claim 30, wherein said circuitry for
2	detecting an identifier associated with the docking device class circuit further
3	comprises:
4	circuitry for detecting an identification number reserved for the docking
5	device class circuit.
1	32. The data processing system of Claim 23, wherein said circuitry for
2	obtaining a description of at least one device in a docking station from the docking
3	device class circuit further comprises:
4	the control of the docking devices under the control of the docking device
5	class circuit.

1	33.	The data processing system of Claim 32, wherein said circuitry for
2	obtaining a list	of devices under the control of the docking device class circuit further
	comprises:	
3	circuit	ry for obtaining a list of devices under the control of a general purpose
4	Circuit	I/O device under the control of the docking device class circuit.
5		
1	34.	The data processing system of Claim 32, wherein said circuitry for
2	obtaining a lis	at of devices under the control of the docking device class circuit further
3	comprises:	
4	circuit	try for obtaining driver code appropriate to the at least one device.
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1	35.	The data processing system of Claim 32, wherein said circuitry for
2	obtaining a li	st of devices under the control of the docking device class circuit further
3	comprises:	device class circuit
4	cirqui	try obtaining driver dode appropriate to the docking device class circuit.
	26	The data processing system of Claim 32, wherein said circuitry for
1	36.	ist of devices under the control of the docking device class circuit further
2		ist of devices and of the cost.
3	comprises:	itry for obtaining driver code combination set appropriate to both the
4	circu	docking device class circuit and the at least one device.
5		docking device class chedit and the
	27	The data processing system of Claim 23, wherein said circuitry for
1	37.	description of at least one device in a docking station from the docking
2		s circuit further comprises:
3	device class	uitry for obtaining a bus description table from the docking device class
4		1
5		circuit.
4	38.	The data processing system of Claim 37, wherein circuitry for
1	30.	bus description table from the docking device class circuit further
2		1
3	3 comprises:	cuitry for obtaining a description of at least one Peripheral Component
		Interconnect bus resident within a docking device, or at least one
	5	Hiterconnicor out resident
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6		Universal Serial Bus resident within a docking device, or at least one
7		Accelerated Graphics Port Bus resident within a docking device, or at
8 -		least one AT bus resident within a docking device, or at least one
9		proprietary bus, or at least on wireless bus, or at least one optical bus.
1	39.	A program product comprising:
2	progra	m code for detecting a docking device class circuit present on a bus; and
3	progra	m code for obtaining a description of at least one device in a docking
4		station from the docking device class circuit; and
5	signal	bearing media bearing said means for detecting and said means for
6		obtaining.
1	40.	The program product of Claim 39, wherein said signal bearing media
2	further compr	ises recordable media or transmission media.
1	.41.	The program product of Claim 39, further comprising:
2	said si	gnal bearing media further bearing program code for controlling the at
3		least one device via commands appropriate to the bus.
1	42.	The program product of Claim 41, wherein the bus comprises at least
2	one Universal	Serial Bus, at least one Peripheral Component Interconnect Bus, or at
3	least one AT l	ous, or at least one wireless bus, or at least one optical bus.
1	43.	The program product of Claim 41, wherein said program code for
2	controlling the	e at least one device via commands appropriate to the bus further
3	comprises:	
4	progra	m code for controlling at least one device associated with docking.
1	44.	The program product of Claim 41, wherein said program code for
2	controlling the	e at least one device via commands appropriate to the bus further
3	comprises:	
4	progra	m code for controlling at least one power supply in a docking station.
1	45.	The program product of Claim 44, wherein said program code for
2	controlling at	least one power supply in a docking station further comprises:

3	program code for activating a power supply having voltage appropriate to a
4	portable computer system.
	s of the second program code for
1	46. The program product of Claim 41, wherein said program code for
2	controlling the at least one device via commands appropriate to the bus further
3	comprises:
4	program code for controlling at least one power rail that supplies power to a
5	portable computer system.
1	47. The program product of Claim 39, wherein said program code for
2	detecting a docking device class circuit present on a bus further comprises:
3	program code for detecting an identifier associated with the docking device
4	ofass circuit.
1	The program product of Claim 47, wherein said program code for
2	detecting an identifier associated with the docking device class aircuit further
3	comprises:
4	program code for detecting an identification number reserved for the docking
5	device class circuit.
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1	49. The program product of Claim 39, wherein said program code for
2	obtaining a description of at least one device in a docking station from the docking
3	device class circuit further comprises:
4	program code for obtaining a list of devices under the control of the docking
5	device class circuit.
1	50. The program product of Claim 49, wherein said program code for
2	obtaining a list of devices under the control of the docking device class circuit further
3	comprises:
4	program code for obtaining a list of devices under the control of a general
5	purpose I/O device under the control of the docking device class
6	circuit.
1	51. The program product of Claim 49, wherein said program code for

2	obtaining a list of devices under the control of the docking device class circuit further
3	comprises:
4	program code for obtaining driver code appropriate to the at least one device.
	52. The program product of Claim 49, wherein said program code for
1	52. The program product of Claim 49, wherein said program court further obtaining a list of devices under the control of the docking device class circuit further
2	
3	comprises:
4	program code for obtaining driver code appropriate to the docking device class
5	circuit.
1	53. The program product of Claim 49, wherein said program code for
2	obtaining a list of devices under the control of the docking device class circuit further
3	comprises:
4	program code for obtaining driver code combination set appropriate to both
5	the docking device class circuit and the at least one device.
	54. The program product of Claim 39, wherein said program code for
1	obtaining a description of at least one device in a docking station from the docking
2	
3	device class circuit further comprises:
4	program code for obtaining a bus description table from the docking device
5	class circuit.
1	55. The program product of Claim 54, wherein said program code for
2	obtaining a bus description table from the docking device class circuit further
3	comprises:
4	program product for obtaining a description of at least one Peripheral
5	Component Interconnect bus resident within a docking device, or at
6	least one Universal Serial Bus resident within a docking device, or at
7	least one Accelerated Graphics Port Bus resident within a docking
8	device, or at least one AT bus resident within a docking device, or at
9	description or at least on wireless hus, or at least one
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